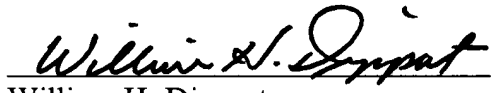
REMARKS

In the amendments above, Claims 1, 5, 7, 9-11, 13, 35, and 36 have been amended, and Claims 3 and 37 have been cancelled, to more particularly point out and distinctly claim Applicants' invention.

According to the May 30, 2001 Office Action, the Examiner has grouped the claims herein in two groups, namely, Group I, i.e., Claims 1, 3, 5 to 18, and 35 to 37, and Group II, i.e., Claims 38-41. Applicants hereby elect the claims of Group I for prosecution herein.

Respectfully submitted,



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In re Application of:

Uri Rosenschein, et al.

Serial No.: 09/653,801 Examiner: R. Smith

Filed: September 1, 2000 Group Art Unit: 3737

For: PULSE MODE LYSIS METHOD (As Amended)

Version of Amended Claims with Markings to Show Changes Made

(Submission to accompany Amendment, dated October 1, 2001)

1. (Amended) A method of applying therapeutic ultrasound to a location within a body, comprising[:] activating a transducer to produce ultrasound at a pulse repetition period of $T \leq 1000$ milliseconds and directing this ultrasound in a non-invasive manner to a location within a body and at appropriate power, frequency and pulse duration to generate cavitation at this location.

5. (Amended) The method of claim [3] 1, wherein the transducer is operated to produce ultrasound at a frequency of about 100 to 1000 [KHz] kHz.

7. (Amended) The method of claim [3] 1, wherein T = about 2.5 to 90 milliseconds.

9. (Amended) The method of claim [3] 1, wherein τ = about 0.01 to 2.0 milliseconds.

10. (Amended) The method of claim [3] 1, wherein τ = about 0.02 to 1.1 milliseconds.

11. (Amended) The method of claim [3] 1, wherein τ = about 0.1 to 0.3 milliseconds.

13. (Amended) The method of claim [3] 1, wherein the intensity of the ultrasound applied is $I \geq$ about 750 W/cm^2.

35. (Amended) The method of claim [3] 1, wherein the device is operated at a duty ratio of about ≥ 5.

36. (Amended) The method of claim [3] 1, wherein the device is operated at a duty ratio of about ≥ 8.